

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-69. (canceled).

70. (currently amended): A cellular system comprising a mobile station and a plurality of base stations that are in a handover state with said mobile station and that set uplink and downlink dedicated channels with said mobile station, one of said base stations, as a packet transmission base station, performing transmission of a packet to said mobile station by the use of a shared channel,

~~wherein characterized in that:~~ said mobile station comprises:

means for controlling a reception quality of a transmission power control signal included in ~~at~~ the downlink dedicated channel sent only from the packet transmission base station, by controlling a target SIR ~~of a signal received through the downlink dedicated channel.~~

71. (currently amended): A cellular system as claimed in Claim 70, wherein ~~said the~~ mobile station further comprises:

means for producing the transmission power control signal for controlling transmission power of the downlink dedicated channel on the basis of the target SIR to transmit the transmission power control signal to the packet transmission base station through the uplink dedicated channel.

72. (currently amended): A mobile station that performs handover ~~by setting uplink and downlink dedicated channels~~ with a plurality of base stations, said mobile station comprising characterized by:

means for receiving a packet by the use of a shared channel sent from a packet transmission base station that is transmitting the packet among the above-mentioned base stations; and

means for controlling a target SIR ~~of a signal received through the downlink dedicated channel~~ to control a reception quality of a transmission power control signal included in ~~the~~ downlink dedicated channel received only from the packet transmission base station.

73. (previously presented): A mobile station as claimed in Claim 72, wherein said mobile station further comprises:

means for producing the transmission power control signal for controlling transmission power of the downlink dedicated channel on the basis of the target SIR to transmit the transmission power control signal to the packet transmission base station through the uplink dedicated channel.

74. (currently amended): A communication control method of performing handover in a mobile station ~~by setting uplink dedicated channels and downlink dedicated channels~~ with a plurality of base stations, comprising the steps of:

receiving a packet by the use of a shared channel from a packet transmission base station that is transmitting the packet among the plurality of the base stations; and

controlling a target SIR of a signal received through the downlink dedicated channel to control a reception quality of a transmission power control signal included in the downlink dedicated channel transmitted only from the packet transmission base station.

75. (currently amended): A communication control method as claimed in Claim 74, said communication control method further comprising the step of:

producing the transmission power control signal for controlling transmission power of the downlink dedicated channel on the basis of the target SIR to transmit the transmission power control signal to the packet transmission base station through the uplink dedicated channel.

76-78. (canceled).

79. (new): A cellular system comprising a mobile station and a plurality of base stations that are in a handover state with said mobile station, one of said base stations, as a packet transmission base station, performing transmission of a packet to said mobile station by the use of a shared channel,

wherein said mobile station comprises:

a module that controls a reception quality of a transmission power control signal included in a downlink dedicated channel sent only from the packet transmission base station, by controlling a target SIR.

80. (new): A cellular system as claimed in Claim 79, wherein said mobile station further comprises:

a module that produces the transmission power control signal for controlling transmission power of the downlink dedicated channel on the basis of the target SIR to transmit the transmission power control signal to the packet transmission base station through the uplink dedicated channel.

81. (new): A mobile station that performs handover with a plurality of base stations, said mobile station comprising:

a module that receives a packet by the use of a shared channel sent from a packet transmission base station that is transmitting the packet among the above-mentioned base stations; and

a module that controls a target SIR to control a reception quality of a transmission power control signal included in a downlink dedicated channel received only from the packet transmission base station.

82. (new): A mobile station as claimed in Claim 81, wherein said mobile station further comprises:

a module that produces the transmission power control signal for controlling transmission power of the downlink dedicated channel on the basis of the target SIR to transmit the

transmission power control signal to the packet transmission base station through the uplink
dedicated channel.